Honeywell

Atomic Alarm Clock with Temperature

USER MANUAL

(RC182W)

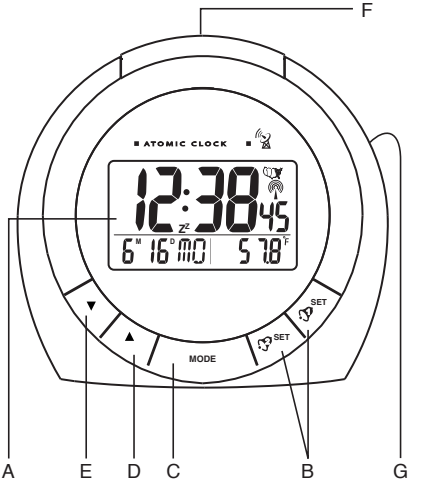
INTRODUCTION

Thank you for selecting the Honeywell Atomic Alarm Clock with Temperature. This device includes precise time keeping and temperature monitoring features that you can use from the comfort of your home. In this package you will find Atomic clock. Please keep this manual handy as you use your new item. It contains practical step-by-step instructions, as well as technical specifications and precautions you should know.

PRODUCT OVERVIEW

FEATURES

- Precise time and date set via RF signals from US Atomic Clock
- Calendar displays date with month and weekday in English, Spanish or French
- Indoor temperature display
- Dual crescendo alarm with snooze
- Blue backlight



A PRECISE TIME WITH TEMPERATURE IN TWO-LINE LCD DISPLAY
Views indoor temperature and precise time.

B ALARM BUTTON
Sets alarms one and two and displays current alarm status.

C MODE BUTTON
1). Changes display modes and confirms settings.
2). Sets the time manually.

D UP (▲) BUTTON
1). Increases the setting.
2). Selects 12 or 24 hour format:
3). Sets Time Zone

E DOWN (▼) BUTTON
1). Decreases the setting.
2). Sets the weekday language

F SNOOZE/LIGHT BUTTON
Activates snooze function and LCD backlight.

G BATTERY COMPARTMENT
Accommodates 2 (two) UM-3 or AA 1.5V alkaline batteries.

BEFORE YOU BEGIN:
1. We recommend using alkaline batteries for your unit.
2. Avoid using rechargeable batteries.
3. Insert batteries before first use, matching the polarity as shown in the battery compartment.

BATTERY INSTALLATION:
1. Open the battery compartment door.
2. Install 2 batteries (UM-3 or "AA" size 1.5V) matching the polarity as shown in the battery compartment.
3. Replace the battery compartment door

LOW BATTERY
When the LCD becomes dim, battery replacement is required.

WWVB RADIO CONTROLLED TIME
The NIST (National Institute of Standards and Technology) radio station is located in Ft. Collins Colorado. It transmits an exact time signal continuously throughout the continental United States at 60 KHz frequency. The Atomic Clock can receive this WWVB signal through its internal antenna from up to 2,000 miles away. Due to the nature of the Earth's ionosphere, reception can be limited during the daylight hours. The radio controlled clock will search for an alternate station that derives its signal from the NIST Atomic clock in Boulder, Colorado.

The WWVB tower icon on the main unit's display will flash indicating radio signal reception from the WWVB station. If the tower icon is not fully lit, or if the time is not set automatically, please consider the following:

* During night-time hours, atmospheric disturbances are typically less severe and reception may improve. A single daily reception is sufficient enough to keep the accuracy reading within 1 second.

* Make sure the main unit is positioned at 8 feet minimum distance from any interference source such as a TV, computer monitor, microwave, etc. The successful reception of the atomic time signal depends on the positioning and location of the clock. Always place the unit by the window for better reception.

* Within concrete wall rooms such as basements or office buildings, the received signal may be weakened. Always place the unit near the window.

ATOMIC CLOCK

1. After the batteries are installed, the WWVB time signal receiver will automatically search for the time signal. This takes about 5-8 minutes.
2. If the radio signal is received, the date and time will be set automatically, and the [ ] icon will appear.
3. If in 8 minutes the time signal has not been received, press and hold "**MODE**" button for 3 seconds to set the time manually.
4. The clock will continue to search for the WWVB time signal daily from 1:00 am to 4:30 am. After the signal has been successfully received, the time and date will be updated automatically.

SETTING CLOCK MANUALLY

TIME ZONE

Select the time zone by pressing and holding the " ▲ " until the desired time is selected in "Time with the day of week"display mode.

YEAR, DATE, TIME, TEMPERATURE UNIT

Press **MODE** to toggle between **ALARM 1**, **ALARM 2** and **INDOOR TEMPERATURE** displays
Press and hold **MODE** for 2 seconds: the **YEAR** digit will flash.
Press " ▲ " or " ▼ " to change the flashing digits.
After the first value is set, press **MODE** again.
Continue setting month, date, hour, minute and Fahrenheit or Celsius display. When you've set the last value, press **MODE** for the last time to return to regular mode.

SETTING THE ALARM

To set an alarm,

1. Press [SET] once to display alarm time on the second line of the LCD display. The bell icon SET with digit 1 will appear.
2. Press and hold [SET] for two seconds. The hour digit will flash.
3. Enter the hour using [▼] or [▲].
4. Press [SET] again. The minute digits will flash.
5. Enter the minutes using [▼] or [▲].
6. Press [SET] again to choose the snooze interval.
7. Enter the snooze interval in minutes using [▼] or [▲].
8. Press [SET] the last time to exit.
9. Repeat the same procedure to set the second alarm.

SNOOZE

When the alarm sounds, press the **SNOOZE/LIGHT** button to temporarily stop the alarm. If not disabled, the alarm sound will resume after 5 minutes.
If the alarm is not disabled after that, it will sound for 4 more minutes and then will stop by itself.

DISABLING ALARM

1. Press [SET] button to disable alarm 1.
2. Repeat the same procedure to disable alarm 2.

ALARM

* Two Single Day Alarms
The alarm will sound and the alarm icon will flash at the set time.

PRECAUTIONS

This product is engineered to give you years of satisfactory service if handled carefully. Here are a few precautions:

1. Do not immerse the unit in water.
2. Do not clean the unit with abrasive or corrosive materials. They may scratch the plastic parts and corrode the electronic circuits.
3. Do not subject the product to excessive force, shock, dust, temperature, or humidity, which may result in malfunctions, shorter lifespan, damaged batteries, and damaged parts.
4. Do not tamper with the unit's internal components. Doing so will invalidate the warranty and may cause damage. The unit contains no user-serviceable parts.
5. Use only fresh batteries. Do not mix new and old batteries.
6. Read the user's manual thoroughly before operating the unit.

SPECIFICATIONS

Temperature Measurement
Main unit
Indoor Temperature
Proposed operating range : -5°C to +50°C / 23°F to 122°F
Temperature resolution : 0.1°C/ 0.2°F
User – selectable C/F temperature unit

Calendar and Clock
12/24 hour display in hh : mm format
Date Format: Month – Day format
Day of week: User- selectable in 3 languages (English, Spanish, French)
Alarm 1 & Alarm 2: 4-minute crescendo alarm with snooze
Programmable snooze interval (from 1 to 59 minutes)

Power
2 UM-3 or 2 AA size 1.5V alkaline batteries (not included)

Dimensions
4.02”(L) x 3.66”(H) x 2.56”(D)

STANDARD WARRANTY INFORMATION

This product is warranted from the manufacturing defects for one year from date of retail purchase. It does not cover damages or wear resulting from accident, misuse, abuse, commercial use, or unauthorized adjustment and repair.

Note that online product registration is required to ensure valid warranty protection.
To register your product, go to our Company website at: www.hidekielectronics.us. Click Online Product Registration under the Customer Service menu.
Should you require assistance with this product and its operation, please contact our
Customer Service Hotline 1(866) 443 3543
Please direct all returns to the place of the original purchase. Should this not be possible, contact Customer Service Hotline for assistance and to obtain a Return Merchandise Authorization (RMA). Returns without a return authorization will be refused. Please retain your original receipt as you may be asked to provide a copy for proof of purchase.
Hideki Electronics, Inc. reserves the right to repair or replace the product at our option.

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